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SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) PATENT AND TRADEMARK OFFICE		Attorney Docket No. Serial No. Applicant Filing Date Group IDS Filed Customer Number	01997/211003 US 09/888,243 H. Robert Horvitz et al June 22, 2001 1654 February 7, 2002 21559
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR §1.98(b))		FEB 25 2002 PATENT & TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE	

U.S. PATENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
<i>Smur</i>	5,416,013	5/15/95	Black et al.	435	226	<b>RECEIVED</b>
<i>Smur</i>	5,278,061	1/11/94	Bull et al.	435	212	MAR - 1 2002
<i>Smur</i>	5,492,824	2/20/96	Talanian et al.	435	226	TECH CENTER 1600/2900

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
<i>Smur</i>	WO 91/19007	12.12.91	PCT	—	—	
<i>Smur</i>	WOA 920 7071	30.04.92	PCT	—	—	
<i>Smur</i>	WOA 911 5577	17.10.91	PCT	—	—	
<i>Smur</i>	EPA 053 3350	24.03.93	Europe	—	—	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
<i>Smur</i>	Black et al., "Activation of interleukin-1 $\beta$ by a co-induced protease", FEBS LETTERS 247(2):386-390 (1989).					
	Black et al., "A Pre-aspartate-specific Protease from Human Leukocytes that Cleaves Pro-interleukin-1 $\beta$ ", J. Biol. Chem. 264(10):5323-5326 (1989).					
	Brenneman et al., "Cytokine Regulation of Neuronal Survival", J. Neurochem. 58(2):454-460 (1992).					
	Cerretti et al., "Molecular Cloning of the Interleukin-1 $\beta$ Converting Enzyme", Science 256:97-100 (1992).					
	Colotta et al., "Modulation of Granulocyte Survival and Programmed Cell Death by Cytokines and Bacterial Products", Blood 80(8):2012-2020 (1992).					
	Estrov et al., "Suppression of Chronic Myelogenous Leukemia Colony Growth by Interleukin-1 (IL-1) Receptor Antagonist and Soluble IL-1 Recept.: A Novel Application for Inhibitors of IL-1 Activity", Blood 78(6):1476-1484 (1991).					
	Fuhbrigge et al., "Molecular Biology and Genetics of Interleukin-1", Year Immunol. 5:21-37 (1989).					
	Hogquist et al., "Interleukin 1 is Processed and Released During Apoptosis", Proc. Natl. Acad. Sci. USA 88:8485-8489 (1991).					
	Horvitz and Chalfie, "Implications of Nematode Neuronal Cell Death for Human Neurological Disorders" in Neurodegenerative Disorders: Mechanisms and Prospects for Therapy, Price et al., (eds.) John Wiley & Sons, (1991) pp. 5-19.					
	Jacobson et al., "Breaking the ICE" Current Biology 4(4):337, 1994.					
<i>Smur</i>	Kostura et al., "Identification of a monocyte specific pre-interleukin 1 $\beta$ convertase activity", Proc. Natl. Acad. Sci. USA 86:5227-5231 (1989).					

EXAMINER <i>Suzanne M. Mayer</i>	DATE CONSIDERED <i>19 November 2004</i>
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.	

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<p align="center">SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) PATENT AND TRADEMARK OFFICE</p> <p align="center">INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)</p> <p align="center">(37 CFR § 1.98(b))</p>		<p align="center">Attorney Docket No. 01997/211003 Serial No. US 09/888,243 Applicant H. Robert Horvitz et al Filing Date June 22, 2001 Group 1654 IDS Filed February 7, 2002 Customer Number 21559</p>	
<p align="right"><b>RECEIVED</b></p> <p align="right">MAR - 1 2002</p> <p align="right">TECH CENTER 1600/2900</p>			
<p align="center"><b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)</b></p>			
<p><i>Source</i></p> <p>Kronheim et al., "Purification of Interleukin-1<math>\beta</math> Converting Enzyme, the Protease that Cleaves the Interleukin-1<math>\beta</math> Precursor", Archives of Biochemistry and Biophysics 296:698-703 (1992).</p>			
<p>Kumar et al., "Identification of a Set of Genes with Developmentally Down-Regulated Expression in the Mouse Brain", Biochem. Biophys. Res. Comm. 185(3):1155-1161 (1992).</p>			
<p>Ledoux et al., "Isolation of nematode homologs of the <i>C. elegans</i> cell death gene ced-3" Neurobiology of Aging 13:S47 (1992).</p>			
<p>Lotem and Sachs, "Hematopoietic Cytokines Inhibit Apoptosis Induced by Transforming Growth Factor <math>\beta</math>1 and Cancer Chemotherapy Compounds in Myeloid Leukemic Cells", Blood 80(7):1750-1757 (1992).</p>			
<p>Mangan and Wahl, "Differential Regulation of Human Monocyte Programmed Cell Death (Apoptosis) by Chemotactic Factors and Pro-Inflammatory Cytokines", J. Immun. 147(10):3408-3412 (1991).</p>			
<p>Mangan et al., "IL-4 Enhances Programmed Cell Death (Apoptosis) in Stimulated Human Monocytes", J. Immun. 148(6):1812-1816 (1992).</p>			
<p>Mangan et al., "Lipopolysaccharide, Tumor Necrosis Factor-<math>\alpha</math> and IL-1<math>\beta</math> Prevent Programmed Cell Death (Apoptosis) in Human Peripheral Blood Monocytes", J. Immun. 146:1541-1546 (1991).</p>			
<p>McConkey et al., "Agents that Elevate cAMP Stimulate DNA Fragmentation in Thymocytes", J. Immun. 145(4):1227-1230 (1990).</p>			
<p>McConkey et al., "Interleukin 1 Inhibits T Cell Receptor-Mediated Apoptosis in Immature Thymocytes", J. Biol. Chem. 265(6):3009-3011 (1990).</p>			
<p>(Merck &amp; Co. Inc.) Database WPI Week 9318 AN 93-144400 February 1993 Abstract, Derwent Publications Ltd, London, GB</p>			
<p>Miller et al., "The IL-1<math>\beta</math> Converting Enzyme as a Therapeutic Target" Ann. NY Acad. Sci. 696:133, 1993.</p>			
<p>Miura et al., "Induction of Apoptosis in Fibroblasts by IL-1<math>\beta</math>-Converting Enzyme, a Mammalian Homolog of the <i>C. elegans</i> Cell Death Gene ced-3" Cell 75:653, 1993.</p>			
<p>Molineaux et al., "Interleukin 1<math>\beta</math> (IL-1<math>\beta</math>) processing in murine macrophages requires a structurally conserved homologue of human IL-1<math>\beta</math>", Proc. Natl. Acad. Sci. USA 90:1809-1813 (1993).</p>			
<p>Nett et al., "Molecular Cloning of the Murine IL-1<math>\beta</math> Converting Enzyme cDNA", J. Immun. 149:3254-3259 (1992).</p>			
<p>Pickup et al., "Hemorrhage in Lesions Caused by Cowpox Virus is Induced by a Viral Protein that is Related to Plasma Protein Inhibitors of Serine Proteases", Proc. Natl. Acad. Sci. USA 83:7698-7702 (1986).</p>			
<p>Rambaldi et al., "Modulation of Cell Proliferation and Cytokine Production in Acute Myeloblastic Leukemia by Interleukin-1 Receptor Antagonist and Lack of its Expression by Leukemic Cells", Blood 78(12):3248-3253 (1991).</p>			
<p>EXAMINER</p> <p><i>Suzanne M. Mayer</i></p>	<p>DATE CONSIDERED</p> <p><i>19 November 2004</i></p>		
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